### Statistics

**STAT 425  Applied Regression and Design**  credit: 3 OR 4 hours.
Explores linear regression, least squares estimates, F-tests, analysis of residuals, regression diagnostics, transformations, model building, factorial designs, randomized complete block designs, Latin squares, split plot designs. Computer work is an integral part of the course. 3 undergraduate hours. 4 graduate hours. Prerequisite: STAT 410.

<table>
<thead>
<tr>
<th>CRN</th>
<th>Type</th>
<th>Section</th>
<th>Time</th>
<th>Days</th>
<th>Location</th>
<th>Instructor</th>
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<td>30956</td>
<td>Lecture-Discussion</td>
<td>S1G</td>
<td>09:30 AM - 10:50 AM</td>
<td>TR</td>
<td>1090 - Lincoln Hall</td>
<td>Liang, F</td>
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<td>52528</td>
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<td>MWF</td>
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<td>11:00 AM - 11:50 AM</td>
<td>MWF</td>
<td>1090 - Lincoln Hall</td>
<td>Park, T</td>
</tr>
</tbody>
</table>

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Early registration is restricted to Statistics Graduate Students. This restriction is expected to be removed sometime during the business day May 5, 2015. Some seats are reserved for incoming Statistics graduate students. Some seats are reserved for current Statistics graduate students. If you receive a Reserved-Closed error, that means the course is full except for the reserved seats.

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
This section is set to 0 capacity. Please see cross-listed section(s).

Credit Hours: 4 hours
Restricted to Graduate - Urbana-Champaign.
Early registration is restricted to Statistics Graduate Students. This restriction is expected to be removed sometime during the business day May 5, 2015. Some seats are reserved for incoming Statistics graduate students. Some seats are reserved for current Statistics graduate students. If you receive a Reserved-Closed error, that means the course is full except for the reserved seats.

Credit Hours: 3 hours
Restricted to Undergrad - Urbana-Champaign.
Early registration is restricted to students majoring in Statistics or Statistics & Computer Science. This restriction is expected to be removed sometime during the business day May 5, 2015. This course is set below capacity to hold space for students transferring to Statistics from other programs of study. Capacity may fluctuate.